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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/378,669	08/20/1999	SHU LIN	RCA.89417	9410

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JOSEPH S TRIPOLI  
PATENT OPERATIONS-THOMSON MULTIMEDIA  
LICENSING INC  
PO BOX 5312  
PRINCENTON, NJ 085435312

EXAMINER

FLETCHER, JAMES A

ART UNIT	PAPER NUMBER
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2621

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/378,669

Applicant(s)

LIN ET AL.

Examiner

James A. Fletcher

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 04 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11-20 is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***New Art Unit***

1. Please include the new Art Unit 2621 in the caption or heading of any written or facsimile communication submitted after this Office Action because the examiner, who was assigned to Art Unit 2616, will be assigned to new Art Unit 2621. Your cooperation in this matter will assist in the timely processing of the submission and is appreciated by the Office.

### ***Response to Arguments***

2. Applicant's arguments filed 4 April 2006 have been fully considered but they are not persuasive.

**In re page 7 and claim 1**, Applicant's Representative states: "there is no disclosure or suggestion that the NV\_PCK or the DSI information (or any other navigation information) is any different than such information found on a DVD as in Fig. 3)."

The Examiner respectfully disagrees. Although Horiguchi is not explicit in the nature of the conversion of data from the DVD to the navigation manager, clearly, the use of the term "converts" in Col 4, lines 17 and 19 does disclose that a change in the navigation data is performed.

**In re page 8 and claim 4**, Applicant's Representative states: "None of these claimed elements are either disclosed or described in Horiguchi."

The Examiner notes that the claim recites a further limitation on element (e) of claim 3, which was not considered, as it was on a list prefaced by the phrase "at least

one of." Given that preface, only one limitation required address by the Examiner, and the Examiner noted that the claim was rejected by Horiguchi's anticipation of element (d).

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-12 and 14-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Horiguchi et al (6,370,322).

**Regarding claims 1 and 10**, Horiguchi meets the limitations of claim 1, limitations 1-4, and claim 10 in Col 4, lines 16-20.

Limitation 5, which contains the term "at least one of..." only requires one of the elements to be met in each of the two lists provided. Horiguchi discloses conversion of the navigation data into different navigation data as disclosed in Col 4, lines 16-17, and further defined in Col 4, lines 7-9.

**Regarding claim 2**, the term, "at least one of..." in the claim only requires one of the elements to be met. Horiguchi discloses the conversion of navigation packs (Col 4, lines 7-9), and discloses that a parameter identifying size of image representative data can be data in the pack in Column 7, lines 55-59.

**Regarding claim 3**, the term "at least one of..." in the claim only requires one of the elements to be met. Horiguchi meets the limitation (d) in Fig. 14, which discloses

that a system parameter can describe a title number. The Examiner notes that the term "a program" under element (d) is sufficiently broad to be met by the cited reference.

**Regarding claims 4 and 5**, the claims are addressed to further limiting claim 3, part (e). Claim 3 was anticipated through a teaching of part (d). Taken in their totality, claims 4 and 5 are still met with the teaching of claim 3, part (d).

**Regarding claim 6**, Horiguchi meets the limitation of incorporating determined parameters in a previously blank area of the pre-formed navigation data field as illustrated in Fig.15, particularly "to use padding area...for SPRM transmission."

**Regarding claims 7-9**, Horiguchi discloses a packet with headers describing the contents of the packets, and payloads in those packets include the determined parameters.

#### ***Allowable Subject Matter***

5. Claims 11-20 are allowed for reasons of record.

#### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James A. Fletcher whose telephone number is (571) 272-7377. The examiner can normally be reached on 7:45-5:45 M-Th, first Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on (571) 272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JAF  
19 June 2006

  
**James J. Groody**  
**Supervisory Patent Examiner**  
**Art Unit 262 2621**